PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER 4633-0172PUS1					
DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (if known, see 37 CFR 1.5)					
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAMED 5331					
PCT/JP2005/000230 12 January 2005	13 January 2004					
TITLE OF INVENTION DISCHARGE DEVICE AND AIR PURIFIER						
APPLICANT(S) FOR DO/EO/US						
Kanji MOTEGI; Kenkichi KAGAWA; Toshio TANAKA; and Ryuji AKIYAM	Α					
Applicant herewith submits to the United States Designated/Elected Office (DO/Ed						
1. x This is a FIRST submission of items concerning a submission under 35 l	U.S.C. 371.					
This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).						
5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))						
a. is attached hereto (required only if not communicated by the Internal	tional Bureau).					
b. x has been communicated by the International Bureau.						
c. is not required, as the application was filed in the United States Rece	eiving Office (RO/US).					
6. x An English language translation of the International Application as filed (3						
a. x is attached hereto.						
b. has been previously submitted under 35 U.S.C. 154(d)(4).	·					
7. x Amendments to the claims of the International Application under PCT Art	icle 19 (35 U.S.C. 371(c)(3))					
a. are attached hereto (required only if not communicated by the International	ational Bureau).					
b. have been communicated by the International Bureau.						
c. have not been made; however, the time limit for making such amend	ments has NOT expired.					
d. x have not been made and will not be made.						
8. An English language translation of the amendments to the claims under F	PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
 An English language translation of the annexes of the International Prelim Article 36 (35 U.S.C. 371(c)(5)). 	ninary Examination Report under PCT					
Items 11 to 20 below concern document(s) or information included:						
11. x An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12. x An assignment document for recording. A separate cover sheet in compli	iance with 37 CFR 3.28 and 3.31 is included.					
13. x A preliminary amendment.						
14. An Application Data Sheet under 37 CFR 1.76.						
15. A substitute specification.						
16 A power of attorney and/or change of address letter.						
17. A computer-readable form of the sequence listing in accordance with Po	CT Rule 13ter.2 and 37 CFR 1.821 – 1.825.					
18 A second copy of the published International Application under 35 U.S.	C. 154(d)(4).					
19. A second copy of the English language translation of the international a	pplication under 35 U.S.C. 154(d)(4).					
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U.S. APPLICATIO	ON NO. (if known, see	37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/JP2005/000230		ATTORNEYS DOCKET NUMBER 4633-0172PUS1			
20. Tother	20. Other items or information. Return Receipt Postcard PCT/IB/301; PCT/IB/304; PCT/IB/308; Drawings - Twelve (12) Sheets							
PCT/ISA/210; PCT/IB/301; PCT/IB/304; PCT/IB/3				1/16/304, PC1/16/30	.08; Drawings - Twelve (12) Sheets			
The following fees have been submitted			CALCULATIONS PTO USEON		EONLY			
21. x Basic national fee (37 CFR 1.492(a)) \$300				\$ 300.	00			
22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 200.	00			
23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 400.00				
	TOTAL OF 21, 22					\$ 900.	00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)					
53 - 100 =	/50 =		x \$250.00		\$			
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$					
	CLAIMS NUMBER FILED NUMBER EXTRA RATE							
Total clain	Total claims 21 - 20 = 1 x 50.00 Independent claims 2 - 3 = x		50.00	50.00				
	ENDENT CLAIM(S			X +	360.00	0.00 360.00		
		, (ii applicatio)	TOTAL OF A	1	E CALCULATIONS =	\$ 1,310.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					Ψ 1,010.	,,,		
SUBTOTAL			SUBTOTAL =	\$ 1,310.0	0			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$					
TOTAL NATIONAL FEE =			\$ 1,310.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			be accompanied +	\$ 40.00				
				\$				
TOTAL FEES ENCLOSED =			\$ 1,350.00					
						Amount to be refunded:	\$	
						Amount to be charged	\$	

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	a. X A check in the amount of \$1,350.00 to cover the above fees is enclosed.					
	b. Please charge my Deposit Account No. 02-2448 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.					
	c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448 A duplicate copy of this sheet is enclosed.					
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038					
ĺ	IOTE: Where an appropriate time limit under 37 CFR 1 495 has not been met, a petition to polyto (37 CFR 1 437(s) or (b)) much be					
	filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO:					
1	SIGNATURE					
I	July 6, 2006					
I	D. Richard Anderson					
ı	CUSTOMER NUMBER: 02292					
	40,439 REGISTRATION NUMBER					
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